U.S. Patent Application Serial No. 10/081,496 Inventor: Benedict J. Costello et al. Title: Electrostatic Control of Micro-Optical Components" Sheet 1 of 11 Atty. Docket No.: M-12070 US 1/11 BADENDER JUL 1 8 2002 - 100 -106 104 105-106-FIG._1A 114 206a 204 - 200 214 202 -210-FIG._2A 206b-

ľ

ųт

DIFF. CC

Inventor: Benedict J. Costello et al. Title: Electrostatic Control of Micro-Optical Components" Sheet 2 of 11 Atty. Docket No.: M-12070 US 2/11 ENTER & TRADEMAE JUL 1 8 2002 A' **◄** -166 150 168 158 -151 152 154-156 158 156 168 164 FIG._1B 166 156 Stator -152 Stator 166 162 -154 Rotor 164 Section AA' FIG._1C 158 168 Springs Springs Section BB' FIG._1D

U.S. Patent Application Serial No. 10/081,496

U.S. Patent Application Serial No. 10/081,496

Inventor: Benedict J. Costello et al.

Title: Electrostatic Control of Micro-Optical Components"

Sheet 3 of 11 Atty. Docket No.: M-12070 US



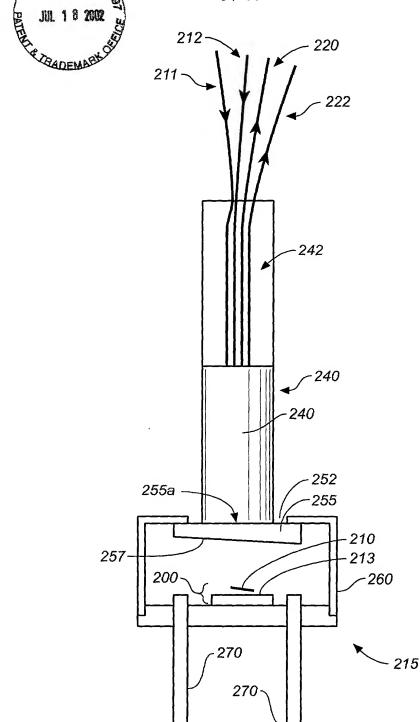


FIG._2B

+

U.S. Patent Application Serial No. 10/081,496 Inventor: Benedict J. Costello et al. Title: Electrostatic Control of Micro-Optical Components"

Sheet 4 of 11 Atty. Docket No.: M-12070 US

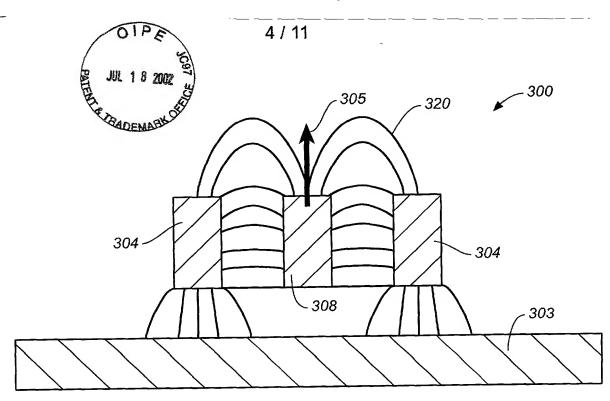


FIG._3

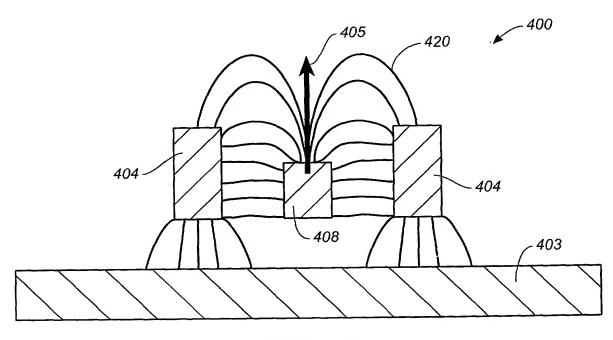


FIG._4

U.S. Patent Application Serial No. 10/081,496 Inventor: Benedict J. Costello et al. Title: Electrostatic Control of Micro-Optical Components" Sheet 5 of 11 Atty. Docket No.: M-12070 US AND EMARKS 5 / 11 526 - 500 504 520 503 505a 508

U.S. Patent Application Serial No. 10/081,496 Inventor: Benedict J. Costello et al.

Title: Electrostatic Control of Micro-Optical Components"

Sheet 6 of 11 Atty. Docket No.: M-12070 US

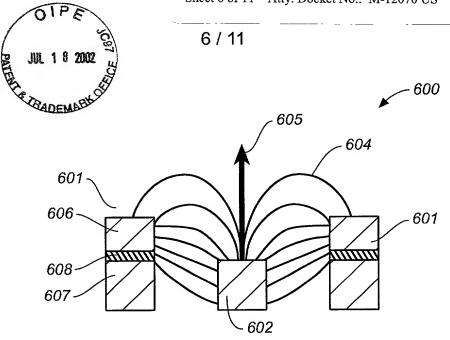


FIG._6

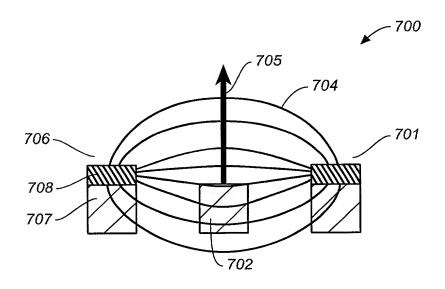
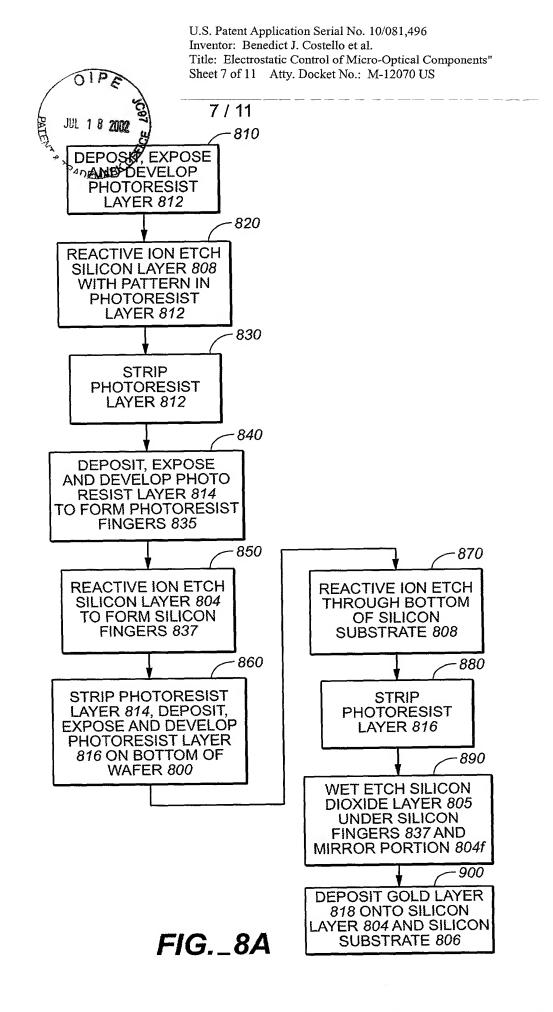
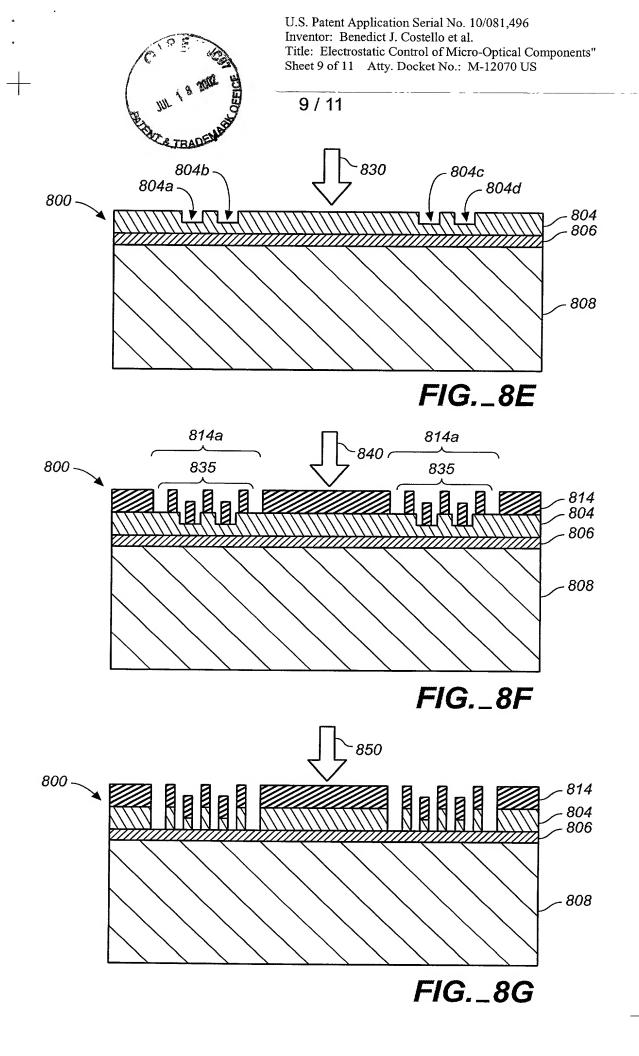
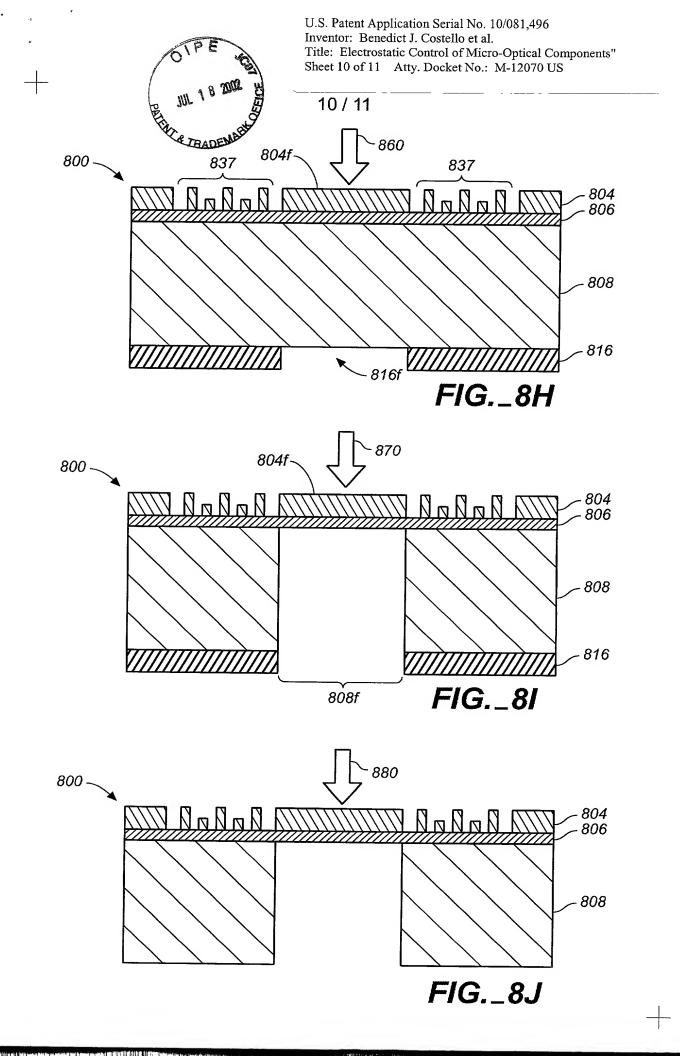


FIG._7







U.S. Patent Application Serial No. 10/081,496 Inventor: Benedict J. Costello et al.

Title: Electrostatic Control of Micro-Optical Components"

Sheet 11 of 11 Atty. Docket No.: M-12070 US

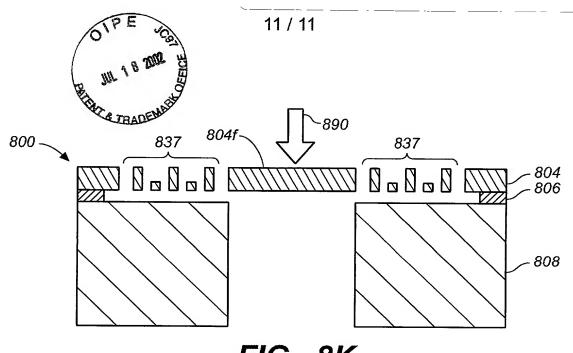


FIG._8K

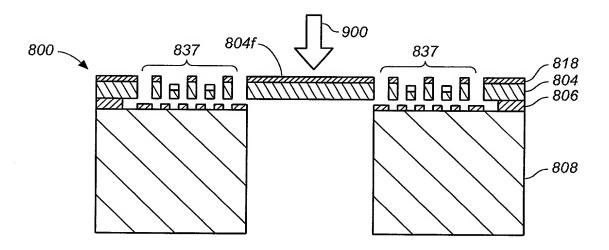


FIG._8L